

Section 1-7: Misleading Graphs and Statistics

By the end of this lesson, you should be able to answer:

- How can a graph can be misleading?
- How is the use of the word “average” misleading?

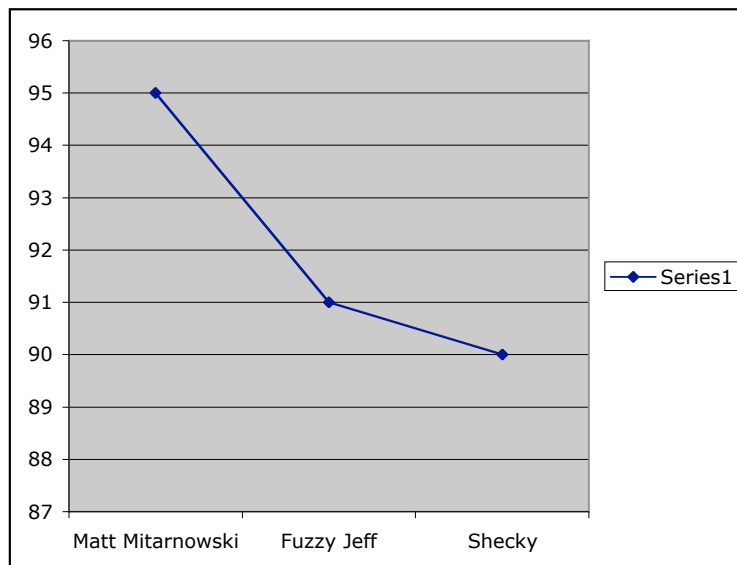
Where you might see this in the real world:

- Insurance, business, advertising, market research

Define the following terms:

1. Misleading data

Example 1: Matt Mitarnowski’s Pizza Place says that they double the sales of Fuzzy Jeff’s House of Pizza and Shecky’s Pizza Shack. They even created a chart to show this idea, as shown below.



Use the space below to describe what is wrong with the statement above? Then, on the back, make a graph to accurately show the sales.

Homework:

"It is always easier to believe than to deny. Our minds are naturally affirmative." –
John Burroughs

